



Attorney Docket No.: 258763-454-15635

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Smyth, Ian C. et al.

Serial No.: 10/049,956

Group Art Unit: 1723

Filed: August 17, 2000

Examiner: David A. Reifsnyder

For: Hydrocyclone

RECEIVED
OCT 03 2003
TC 1700

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO/SB/08. One copy of each reference is attached.

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

10/01/2003 HLE333 00000031 033923 10049956

01 FC:1806 180.00 DA

EXPRESS MAIL CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Address (mailing label # EF140992956 US) in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

Lisa Thorin

Name: Lisa Thorin

Sept. 24, 2003

Date: September 24, 2003

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits. Accordingly, the fee under 37 C.F.R. § 1.17(p) is submitted herewith by the attached Fee Transmittal Sheet, charging Deposit Account No. 03-3923.

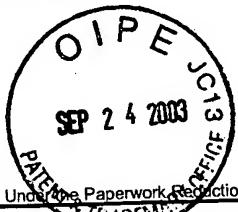
Respectfully submitted,

Smyth, Ian C. et al.

Date: September 24, 2003

By:


Michael J. Brown, Reg. No. 37,100
Attorneys for Applicants
Curtis, Mallet-Prevost, Colt & Mosle LLP
101 Park Avenue
New York, New York 10178-0061
(212) 696-8846



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Approved for use through 09/2025. LMN 01
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office, U.S.D.C., Washington, D.C. 20591
are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute Information 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/049,956
Filing Date	August 17, 2000
First Named Inventor	SMYTH, Ian C. et al.
Art Unit	1723
Examiner Name	David A. Reifsnyder
Attorney Docket Number	258763-454-15635

RECEIVED
OCT 03 2003
TC 1700

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 97/28903	08-14-1997	Lloyd, et al.	Fig. 2; p. 5, Ins 6-18	
		WO 97/05956	02-20-1997	Stolhand et al.	Fig. 2; p. 5, Ins 1-11	
		WO 91/16117	10-31-1991	Bansal et al.	Relevant as background	
		GB 2 230 210 A	10-17-1990	Wakley et al.	Relevant as background	
		WO 89/08503	09-21-1989	Kalnins	Relevant as background	
		EP 0 259 104	10-19-1994	Smyth et al.	Relevant as background	

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND ALL COMMENTS TO: 1200 New Jersey Avenue, NW, Mail Stop: PC-20231.

To: Commissioner for Patents, Washington, DC 20231. Call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PIO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

RECEIVED
OCT 9 3 2003
TC 1700

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/049,956
		Filing Date	August 17, 2000
		First Named Inventor	SMYTH, Ian C. et al
		Art Unit	1723
		Examiner Name	David A. Reifsnyder
Sheet	2	of	2
		Attorney Docket Number	258763-454-15635

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
		EP 0 068 809	08-21-1985	Colman et al.	Relevant as background
		WO 83/03369	10-13-1983	Fladby et al.	Relevant as background
		GB 955,308	04-15-1964		Fig. 1; p.2, Ins 113-126

Examiner Signature _____ **Date Considered** _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.